Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (Currently Amended) A display apparatus for use with a host computer system, the display apparatus comprising circuitry allowing an interlaced mode of operation and a noninterlaced mode of operation, the display apparatus comprising:

a screen, said screen operable to display visually detectable output from the host computer system when operating in the noninterlaced mode of operation and operable to display a television compatible signal when operating in the interlaced mode of operation;

a communication channel between said host computer system and said display apparatus, the communication channel for transmitting commands and information to and from said host computer system and said display apparatus; ~~and~~

a microprocessor for receiving commands from said host computer system, said microprocessor comprising control logic for switching said display apparatus between said interlaced and noninterlaced modes of operation in response to said commands ~~and enabling an overlay window~~; and

video capture circuitry configured for use in the noninterlaced mode to convert the television compatible signal into a noninterlaced television output to be displayed in an overlay window while said visually detectable output from the host computer system is being displayed.

2. (Original) A display apparatus of claim 1, wherein said interlaced mode of operation supports at least one of a National Television System Committee (NTSC) input, a Phase Alteration by Line (PAL) input, and a Sequential a Memoire (SECAM) input.

3. (Original) A display apparatus of claim 1, wherein said noninterlaced mode of operation supports at least one of a computer graphics mode input, VGA input and SVGA input.

4. (Original) A display apparatus of claim 1, wherein the microprocessor receives at least one command from said host computer system, the command suitable for controlling a television function of the display apparatus from the host computer system, wherein the television function includes at least one of changing a channel, volume adjustment and picture adjustment.

5. (Original) A display apparatus of claim 1, wherein the microprocessor receives at least one command from said host computer system, the command suitable for controlling a television function of the display apparatus from the host computer system, wherein the television function includes at least one of selecting a video source, brightness, contrast, vertical and horizontal sizing and positioning, on/off (rest/resume), refresh rate, resolution and color temperatures.

6. (Original) A display apparatus of claim 5, wherein the television function of the display apparatus is controlled from the host computer system while the display apparatus is in an interlaced mode of operation.

7. (Original) A display apparatus of claim 1, wherein said display apparatus is switched to said interlaced mode of operation, a video signal from a video controller in noninterlaced mode is not displayed by said display apparatus.

8. (Original) A display apparatus of claim 1, wherein said interlaced mode of operation supports Sequential a Memoire (SECAM) input.

9. (Original) A display apparatus of claim 1, wherein the command is a display mode change command.

10. (Original) A display apparatus of claim 9, wherein the command is sent over a serial port.

11. (Original) A display apparatus of claim 9, wherein the command is sent over a parallel port.

12. (Currently Amended) A display apparatus of claim 1, wherein the overlay ~~widow~~ window is enabled as at least one of a picture-in-picture (PIP) and a picture-on-picture (POP).

13. (Currently Amended) A computer system comprising:

a host computer system including:

a processor;

a memory coupled to said processor;

a video controller coupled to said processor and said memory; and

a display apparatus coupled to a video controller of the host computer system, the display apparatus comprising circuitry allowing an interlaced mode of operation and a noninterlaced mode of operation, the display apparatus comprising:

a screen, said screen operable to display visually detectable output from the host computer system when operating in the noninterlaced mode of operation and operable to display a television compatible signal when operating in the interlaced mode of operation;

a communication channel between said host computer system and said display apparatus, the communication channel for transmitting commands and information to and from said host computer system and said display apparatus; ~~and~~

a microprocessor for receiving commands from said host computer system, said microprocessor comprising control logic for switching said display apparatus between said interlaced and noninterlaced modes of operation in response to said commands ~~and enabling an overlay window~~; and

video capture circuitry configured for use in the noninterlaced mode to convert the television compatible signal into a noninterlaced television output to be displayed in an overlay window while said visually detectable output from the host computer system is being displayed.

14. (Original) A computer system of claim 13, wherein said noninterlaced mode of operation supports at least one of computer graphics mode input, VGA input and SVGA input.

15. (Original) A computer system of claim 13, wherein the microprocessor receives at least one command from said host computer system, the command suitable for controlling a television function of the display apparatus from the host computer system, wherein the television function includes at least one of changing a channel, volume adjustment and picture adjustment.

16. (Original) A computer system of claim 13, wherein the microprocessor receives at least one command from said host computer system, the command suitable for controlling a television function of the display apparatus from the host computer system, wherein the television function includes at least one of selecting a video source, brightness, contrast, vertical and horizontal sizing and positioning, on/off (rest/resume), refresh rate, resolution and color temperatures.

17. (Original) A computer system of claim 16, wherein the television function of the display apparatus is controlled from the host computer system while the display apparatus is in an interlaced mode of operation.

18. (Original) A computer system of claim 13, wherein said display apparatus is switched to said interlaced mode of operation, a video signal from a video controller in noninterlaced mode is not displayed by said display apparatus.

19. (Original) A computer system of claim 13, wherein the video controller receives a signal from the display apparatus.

20. (Original) A computer system of claim 19, wherein the signal from the display apparatus is a video signal.

21. (Original) A computer system of claim 20, wherein the video signal is a composite signal.

22. (Original) A computer system of claim 20, wherein the video signal is an S-video signal.

23. (Original) A computer system of claim 13, wherein said interlaced mode of operation supports at least one of a National Television System Committee (NTSC) input, a Phase Alteration by Line (PAL) input, and a Sequential a Memoire (SECAM) input.

24. (Original) A computer system of claim 13, wherein the command is a display mode change command.

25. (Original) A computer system of claim 24, wherein the command is sent over a serial port.

26. (Original) A computer system of claim 24, wherein the command is sent over a parallel port.

27. (Original) A computer system of claim 24, wherein the command is sent over a data port.

28. (Currently Amended) A computer system of claim 13, wherein the overlay ~~widow~~ window is enabled as at least one of a picture-in-picture (PIP) and a picture-on-picture (POP).

29. (Currently Amended) A method of operating a computer system to control a display apparatus, the display apparatus coupled to a video controller of the computer system, said computer system and said display apparatus further coupled via a communication channel, the display apparatus comprising circuitry providing a first mode of operation ~~and a second mode of operation, said first mode of operation being one of~~ which is an interlaced mode of operation and a ~~noninterlaced mode of operation and the~~ second mode of operation ~~being the other~~ which is a noninterlaced mode of operation, said method comprising the steps of:

operating the display in said first display mode;

receiving user input to change the display mode from said first mode of operation to said second mode of operation;

sending a mode change command to the display apparatus in response to said user input;

converting a television compatible interlaced signal into a converted television signal which is a noninterlaced signal;

transitioning the display apparatus from said first mode of operation to said second mode of operation; and

controlling at least one television function of the display apparatus from the host computer system by a command received from said host computer system when said display device is in said noninterlaced mode of operation and enabling an overlay window displaying the converted television signal,

wherein the television function includes at least one of changing a channel, volume adjustment, picture adjustment, selecting a video source, brightness, contrast, vertical and horizontal sizing and positioning, on/off (rest/resume), refresh rate, resolution and color temperatures.

30. (Original) A method of claim 29, wherein said interlaced mode of operation supports at least one of a National Television System Committee (NTSC) input, a Phase Alteration by Line (PAL) input, and a Sequential a Memoire (SECAM) input.

31. (Canceled)

32. (Original) A method of claim 30, wherein the mode change command is sent from the computer system via the communication channel.

33. (Currently Amended) A method of claim 29, wherein the overlay ~~widow~~ window is enabled as at least one of a picture-in-picture (PIP) and a picture-on-picture (POP).

34. (Currently Amended) A computer system comprising:

a host computer system including:

a processor;

a memory coupled to said processor;

a video controller coupled to said processor and said memory;

video capture circuitry configured for use in a noninterlaced mode to convert an interlaced television compatible signal into a noninterlaced converted television output; and

a display apparatus coupled to a video controller of the host computer system, the display apparatus comprising:

a screen, said screen operable to display visually detectable output from the host computer system when operating in the noninterlaced mode of operation and operable to display a ~~television compatible signal when operating in the interlaced mode of operation~~ the converted television output in an overlay window while said visually detectable output from the host computer system is being displayed in the noninterlaced mode of operation;

a communication channel between said host computer system and said display apparatus, the communication channel for transmitting commands from said host computer system to said display apparatus; and

a microprocessor for receiving commands from said host computer system, said microprocessor comprising control logic for controlling a television feature of the display apparatus from the host computer system when said screen is operating in said interlaced format, and for enabling an overlay window,

wherein the television feature includes at least one of changing a channel, volume adjustment, picture adjustment, selecting a video source, brightness, contrast, vertical and horizontal sizing and positioning, on/off (rest/resume), refresh rate, resolution and color temperatures.

35. (Original) A computer system of claim 34, wherein said interlaced mode of operation supports at least one of a National Television System Committee (NTSC) input, a Phase Alteration by Line (PAL) input, and a Sequential a Memoire (SECAM) input.

36. (Original) A computer system of claim 34, wherein the microprocessor is suitable for switching said display apparatus between said interlaced and noninterlaced modes of operation.

37. (Currently Amended) A computer system of claim 34, wherein the overlay ~~widow~~ window is enabled as at least one of a picture-in-picture (PIP) and a picture-on-picture (POP).

38. (Canceled)

39. (Currently Amended) A display apparatus of claim 1, wherein the ~~system~~ display apparatus permits the utilization of ~~other~~ computer functions on at least one of underlying screens of the overlay window.

40. (Canceled)

41. (Currently Amended) A ~~display apparatus~~ computer system of claim 13, wherein the host computer system permits the utilization of ~~other~~ computer functions on at least one of underlying screens of the overlay window.

42. (Canceled)

43. (Currently Amended) A ~~display apparatus~~ method of claim 29, wherein the host computer system permits the utilization of ~~other~~ computer functions on at least one of underlying screens of the overlay window.

44. (Canceled)

45. (Currently Amended) A ~~display apparatus~~ computer system of claim 34, wherein the host computer system permits the utilization of ~~other~~ computer functions on at least one of underlying screens of the overlay window.